

Title (en)

Valve for ambient air of a turbocharger for combustion engine

Title (de)

Schubumluftventil für Turbolader-Brennkraftmaschinen

Title (fr)

Soupape à air ambiant pour un turbocompresseur d'un moteur à combustion interne

Publication

EP 1655465 B1 20101229 (DE)

Application

EP 05107839 A 20050826

Priority

DE 102004053849 A 20041104

Abstract (en)

[origin: EP1655465A2] The thrust circulating air valve has pressure side (8) at front face (32) of the valve head (30). Valve head is provided with platform (33). A pressure balance channel (35) opens through the platform to the pressure side.

IPC 8 full level

F02B 37/16 (2006.01)

CPC (source: EP)

F02B 37/16 (2013.01); **F16K 31/0675** (2013.01); **F16K 31/0679** (2013.01); **F16K 31/0693** (2013.01); **Y02T 10/12** (2013.01)

Citation (examination)

- JP S5713836 U 19820123
- JP S5927134 U 19840220

Cited by

CN102667280A; EP3101321A1; NL2014905A; US9062792B2; US10041401B2; WO2016041660A1; WO2011032724A3; WO2009108531A1; US8348231B2; US10041396B2

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

EP 1655465 A2 20060510; **EP 1655465 A3 20080416**; **EP 1655465 B1 20101229**; DE 102004053849 A1 20060511; DE 502005010748 D1 20110210; ES 2357356 T3 20110425

DOCDB simple family (application)

EP 05107839 A 20050826; DE 102004053849 A 20041104; DE 502005010748 T 20050826; ES 05107839 T 20050826